| Index o | f Claims |
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|         |          |

Application No.

10/084,541

Examiner

Meagan S Walling

Applicant(s)

SCHMIDT ET AL.

Art Unit

2863

| <b>√</b> | Rejected |
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| =        | Allowed  |

- (Through numeral)
Canc Iled

+ Restricted

Non-Elected

I Interference

A Appeal
O Objected

| Cla      | aim      | Date     |                 |           |          | Claim    |          | Date     |                 |          |       |          | [               | Cla      | aim      | Date    |         |  |                     |          |      |       |            |          |              |           |              |   |         |              |         |
|----------|----------|----------|-----------------|-----------|----------|----------|----------|----------|-----------------|----------|-------|----------|-----------------|----------|----------|---------|---------|--|---------------------|----------|------|-------|------------|----------|--------------|-----------|--------------|---|---------|--------------|---------|
| _        | ल        |          |                 |           |          |          |          |          |                 |          |       | ā        |                 |          |          |         |         |  |                     |          |      | _     | <u> </u>   |          |              |           |              |   |         |              |         |
| Final    | Original |          |                 |           |          |          |          |          |                 |          | Final | Original |                 |          |          |         |         |  |                     |          |      | Final | Original   |          |              |           |              |   |         |              |         |
|          |          | ļ.,      |                 | _         | _        |          |          |          | $\Box$          | 4        |       |          | $\square$       | 4        | _        | +       | _       | Ш  | $\dashv$            | _        |      |       |            | _        | 4            | -         | 4            |   | +       | ╄            | 44      |
|          | 1        | 1        | $\vdash$        | $\dashv$  | $\dashv$ |          | -        | $\vdash$ | $\vdash$        | 괵        |       | 51<br>52 |                 | -        | +        |         | +       | Н  | -                   | $\dashv$ |      |       | 101<br>102 | +        | +            | +         | +            | +   | +       | +            |         |
|          | 2        | V        | $\vdash$        | $\dashv$  | -        |          | -        | -        | -               | $\dashv$ | <br>  | 52<br>53 | $\vdash$        |          | -        | +       | +       | $\vdash$   | $\vdash$            | $\dashv$ | ŀ    |       | 102        | +        | +            | +         | +            | -   | +       | ┿            | ┿┵      |
|          | 3        | 1        | Н               | $\dashv$  | -        |          | H        | Н        |                 |          |       | 54       | $\vdash$        | -        | -        |         | +       | +  | $\vdash$            | $\dashv$ |      |       | 104        | $\dashv$ | +            | +         | $\dashv$     | +   | +       | +-           | ╅┵      |
|          | 5        | 1        | Н               | $\dashv$  | $\dashv$ |          |          | $\vdash$ | $\dashv$        | $\dashv$ |       | 55       |                 | $\dashv$ | +        |         | +       | H  | H                   | $\dashv$ |      |       | 105        | $\dashv$ | 十            | +         | +            | $\dashv$  | 十       | +            | ╅┩      |
|          | 6        | H        | H               | $\dashv$  | ᅱ        | -        |          | Н        | $\dashv$        | $\dashv$ |       | 56       |                 | 7        | -        | +-      | +       | H  | $\vdash$            | -1       |      |       | 106        | 十        | $\top$       | -         | $\top$       | $\dashv$  | 十       | +            | +-      |
|          | 7        | 1        |                 | 1         | ᅥ        |          | П        |          | $\dashv$        | ᅱ        |       | 57       |                 | 寸        |          | 1       | T       | П  | $\top$              |          |      |       | 107        | 一十       | 7            | ┪         |              | +   | $\neg$  | $\top$       | $\top$  |
| <b>—</b> | 8        | 1        | П               | $\neg$    | $\neg$   |          |          | Н        |                 |          |       | 58       |                 | 寸        |          |         | T       | Ħ  |                     |          | ľ    |       | 108        | $\neg$   | $\neg$       |           | 7            | $\top$  | $\top$  | $\top$       |         |
|          | 9        |          | П               |           |          |          |          | П        |                 |          |       | 59       |                 |          |          |         |         |  |                     |          | ľ    |       | 109        |          |              |           |              |   |         |              |         |
|          | 10       |          |                 |           |          |          |          |          |                 |          |       | 60       |                 |          |          |         |         |  |                     |          | [    |       | 110        |          |              |           |              |   | $\perp$ | oxdot        |         |
|          | 11       |          |                 |           |          |          |          |          |                 |          |       | 61       |                 |          |          |         |         |  |                     |          |      |       | 111        |          |              |           |              |   | $\perp$ | L            |         |
|          | 12       |          |                 | $\Box$    | _[       |          |          | Ш        |                 |          |       | 62_      | Ш               | [        |          |         |         |  | Щ                   | Ц        |      |       | 112        | _        | _            |           | $\downarrow$ | $\perp$   | $\perp$ | $\perp$      | $\perp$ |
| <u></u>  | 13       | =        | Ш               | [         |          |          |          |          |                 |          |       | 63       | Ш               |          | $\perp$  | $\perp$ | _       | $\sqcup$   |                     | 4        |      |       | 113        | 4        | _            |           | 4            | _   | $\bot$  | $\bot$       | $\perp$ |
|          | 14       |          | Ш               | _         |          | Щ        | _        | Щ        | $\sqcup$        |          |       | 64       | $\vdash \vdash$ | _        | $\perp$  | $\perp$ | $\perp$ | $\sqcup$   | $\vdash \downarrow$ |          |      |       | 114        | 4        | +            | $\dashv$  | +            | +   | +       | +            | 4       |
| <u> </u> | 15       |          |                 | _         | _        |          |          | Ш        |                 |          |       | 65       |                 |          | _        | $\bot$  | ╀       |  | $\vdash$            |          |      |       | 115        |          | -            | +         | +            | +   | +       | +            |         |
| <u> </u> | 16       | =        |                 | -         | 4        |          | $\vdash$ | _        | -               |          |       | 66       |                 | $\dashv$ |          | +       | $\perp$ | $\vdash$   |                     |          |      |       | 116        | -        | +            | +         | +            | +   | +       | +            | ₩       |
| <u> </u> | 17       | =        |                 | $\dashv$  | 4        |          | $\vdash$ | $\vdash$ | -               |          |       | 67       | -               | $\dashv$ |          | +       | +       |  |                     |          |      |       | 117        | -        | +            | -+        | +            | +   | +       | +            | +       |
| <u> </u> | 18       | =        | H               |           | -        |          |          | Н        | Н               | 괵        |       | 68<br>69 | -               | $\dashv$ |          | +       | ╀       | $\vdash$   | $\vdash$            |          |      |       | 118<br>119 |          | +            |           | $\dashv$     | +   | +       | +            | +       |
| -        | 19       | =        | H               | -+        | -        |          | $\vdash$ | Н        | $\vdash$        | $\dashv$ |       | 70       | $\vdash$        | $\dashv$ |          | +       | ╁       | Н  | H                   | -        |      |       | 120        | +        | +            | +         | -            | -+  | +       | +            | +       |
| -        | 20       | =        | $\vdash$        |           | $\dashv$ |          | $\vdash$ | Н        | $\vdash$        | $\dashv$ |       | 71       | $\vdash$        | $\dashv$ | -+       | +       | +       | $\vdash$   |                     |          |      |       | 121        | -+       | ┿            | +         | +            | +   | +       | +            | +       |
|          | 21       | =        | $\vdash$        |           | $\dashv$ |          |          | H        | $\vdash$        | $\dashv$ |       | 72       | -               | $\dashv$ | $\dashv$ | +       | ╁       | $\vdash$   | -                   | -        |      |       | 122        | -        | -+           | +         | $\dashv$     | +   | +       | +            | +-      |
| -        | 23       | =        | $\vdash$        |           | $\dashv$ |          |          |          | $\vdash$        |          |       | 73       |                 | $\dashv$ |          | +       | +       | $\vdash$   | $\vdash$            | -        |      |       | 123        |          | $\dashv$     | +         | +            | +   | +       | 十            | ┼       |
|          | 24       | =        | H               | $\dashv$  | $\dashv$ |          |          | Н        | $\vdash$        | $\dashv$ |       | 74       |                 | -        |          | +       | +       | <del>                                     </del> | $\vdash$            |          |      |       | 124        |          | - †          | $\dashv$  | 7            | $^{+}$  | $\top$  | +            | +       |
|          | 25       | =        |                 |           |          |          |          |          | -               | $\neg$   |       | 75       | -               |          |          | 十       | 1       | $\vdash$   | $\Box$              |          |      |       | 125        | $\neg$   | 7            | $\dashv$  | $\top$       | 十   | $\top$  | $\top$       | 1       |
| <u> </u> | 26       | =        |                 | $\dashv$  |          |          |          |          | П               | $\neg$   |       | 76       |                 | T        |          | 十       |         |  |                     |          |      |       | 126        |          |              | $\dashv$  | $\top$       | T   |         | T            |         |
|          | 27       | =        | П               | ╛         | $\neg$   |          |          |          |                 |          |       | 77       |                 | $\neg$   |          |         |         |  |                     |          |      |       | 127        |          |              |           | Π.           |   |         | $oxed{oxed}$ |         |
|          | 28       | =        |                 | 丁         |          |          |          |          |                 |          |       | 78       |                 |          |          |         |         |  |                     |          |      |       | 128        |          |              |           |              |   |         |              |         |
|          | 29       | =        |                 |           |          |          |          |          |                 |          |       | 79       |                 |          |          |         |         |  |                     |          |      |       | 129        |          |              |           |              |   | 丄       | _            |         |
|          | 30       | =        |                 |           |          |          |          |          |                 |          |       | 80       |                 |          |          | _       |         |  |                     | _        |      |       | 130        | _        | $\perp$      | 4         | $\perp$      | $\perp$   |         |              |         |
|          | 31       | =        |                 | _         | _        |          |          |          |                 |          |       | 81       |                 | _        | _        | _       | 1_      | Ш  | $\sqcup$            |          |      |       | 131        | _        | 4            | 4         | 4            | 4   |         | $\bot$       | 4       |
|          | 32       | =        |                 | _         |          |          |          |          |                 | _        |       | 82       | $\sqcup$        | $\dashv$ |          | $\perp$ | _       | 1  | -                   | _        |      |       | 132        |          | +            | -         | -            | -   | +       | +            | +       |
| <u> </u> | 33       | =        | $\sqcup$        | _         | _        |          | <u> </u> |          | $\vdash \vdash$ | _        |       | 83       |                 |          | +        | +       | 1       | $\vdash$   | $\vdash \vdash$     |          |      |       | 133        |          | +            | +         | +            | +   | +       | +-           | +       |
| <u> </u> | 34       | =        | $\vdash \vdash$ | -         | -        |          |          | $\vdash$ |                 |          |       | 84<br>85 | $\vdash \vdash$ | -        | +        | +       | +-      | $\vdash$   | $\vdash$            | -        |      |       | 134<br>135 | +        | +            | +         | +            | +   | +       | +            | +       |
|          | 35       | =        | $\vdash \vdash$ | -+        | -        |          |          | H        | $\vdash \vdash$ |          |       | 86       | $\vdash$        | $\dashv$ |          | +-      | ┿       | Н  | $\vdash \vdash$     | -        |      |       | 136        | $\dashv$ | +            | +         | +            | +   | +       | +            | +       |
|          | 36<br>37 | $\vdash$ |                 |           | $\dashv$ | $\vdash$ | -        | $\vdash$ | $\vdash$        | $\dashv$ |       | 87       | Н               | -+       |          | +       | +       | Н  | $\vdash$            | $\dashv$ |      |       | 137        | +        | +            | +         | +            | ╁   | +       | +            | +       |
| <b>—</b> | 38       | -        | H               | $\dashv$  | -        | -        | -        | $\vdash$ | H               |          |       | 88       | $\vdash \dashv$ | $\dashv$ | -        | +       | +       | $\vdash$   | $\vdash$            | $\dashv$ |      |       | 138        | $\dashv$ | +            | +         | 十            | -   | +       | +            | +       |
| <u> </u> | 39       | =        | H               | $\dashv$  | $\dashv$ |          | <u> </u> | $\vdash$ |                 | ᅱ        |       | 89       | $\vdash$        | 十        | +        | +       | +       | $\vdash$   | $\vdash$            | -        |      |       | 139        | $\dashv$ | 十            | $\dashv$  | +            | $\top$  | +       | +            | +       |
| -        | 40       | Ē        | H               | -         |          |          |          | $\vdash$ | $\vdash$        | _        |       | 90       | $\vdash$        |          | +        | +       | +       | Н  | $\vdash$            | -        |      |       | 140        | $\dashv$ | $\top$       | $\dashv$  | +            | $\top$  | +       | $\top$       | $\top$  |
|          | 41       |          | H               | -         |          |          | $\vdash$ | H        | H               | _        |       | 91       | $  \cdot  $     | $\dashv$ | $\dashv$ | _       | +       | $\sqcap$   | $\vdash$            | 7        |      |       | 141        |          | 7            | $\dashv$  | $\top$       | $\top$  | $\top$  | 1            | $\top$  |
|          | 42       | Г        | $\vdash$        | -         |          |          |          | $\sqcap$ | Н               |          |       | 92       | П               | $\neg$   | $\dashv$ | 1       | 1       | П  | $\Box$              |          |      |       | 142        | 寸        | +            | $\top$    | $\top$       |   | _       | $\perp$      |         |
|          | 43       |          | П               | $\exists$ |          |          |          |          |                 |          |       | 93       |                 |          |          |         |         |  |                     |          |      |       | 143        | 丁        |              |           |              |   |         | I            |         |
|          | 44       |          |                 |           |          |          |          |          |                 |          |       | 94       |                 |          |          |         |         |  |                     |          |      |       | 144        |          | Ι            |           | $\prod$      | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |         | Ι            |         |
|          | 45       |          |                 |           |          |          |          |          |                 |          |       | 95       |                 |          |          |         |         |  |                     |          |      |       | 145        |          | $oxed{oxed}$ | $\Box$    | $\prod$      |   | $\bot$  | L            |         |
|          | 46       |          |                 |           |          |          |          |          |                 |          |       | 96       |                 |          | $\perp$  | $\perp$ |         | $\Box$   |                     |          |      |       | 146        | $\Box$   | [            | $\perp I$ | Ţ            | $\perp$   | $\bot$  | 上            |         |
|          | 47       | L        |                 |           |          |          |          | Ш        |                 |          |       | 97       |                 |          |          | $\perp$ |         | Ш  |                     |          |      |       | 147        | $\perp$  | $\perp$      | _         | $\perp$      | _   |         | 1            |         |
|          | 48       | <u> </u> |                 | $\perp$   | _        | Щ        |          | Ш        | Ш               |          |       | 98       |                 | _        | _        | _ _     | 1       | Ш  | $\sqcup$            |          |      | _     | 148        | $\perp$  | _            | _         | $\downarrow$ | $\perp$   | +       | +            |         |
| <u></u>  | 49       | <u> </u> | $\sqcup$        | _         | _        | L-       | <b> </b> | Ш        | Ш               | _        |       | 99       | Ш               | _        | +        | +       | $\perp$ | $\vdash$   | $\vdash$            | _        |      |       | 149        | $\dashv$ | +            | $\dashv$  | +            | 4   | +       | +            | +-'     |
|          | 50       |          | $\sqcup \sqcup$ |           |          |          |          |          | 1               |          |       | 100      | لـــــا         |          | 丄        | 丄       | 丄       |  | oxdot               |          | :::: |       | 150        |          | 丄            | l_        | Ц.           | L   | L       | 丄            |         |